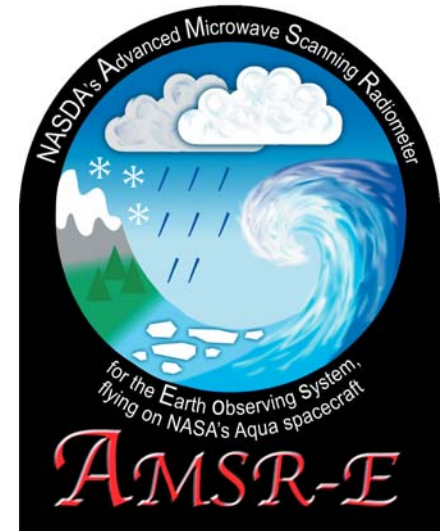




National Snow and Ice Data Center
Supporting Cryospheric Research Since 1976



AMSR-E Validation Data Archive and Distribution

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Overview

- Ingest to Public Release
- Status of Data Set Publishing
- AMSR-E Validation Data Distribution Statistics
- Future Plans

AMSR-E Validation Campaigns

Cryospheric Data

- Meltpond2000, 25 June - 6 July 2000
- Cold Land Processes Experiment
 - CLP IOP 1: 19 - 24 February 2002
 - CLP IOP 2: 25 - 30 March 2002
 - CLP IOP 3: 19 - 27 February 2003
 - CLP IOP 4: 25 March - 2 April 2003
- Alaska Sea Ice
 - Beaufort Sea, Apr/May 2002
 - Sea of Okhotsk, Japan, 4 and 11 February 2003
 - Beaufort/Northern Bering Seas, 6 - 23 March 2003
 - Bering and Chukchi Seas, February/March 2005
- Antarctic (from Punta Arenas) Sea Ice, 23 August - 15 September 2003

Rainfall Data

- Eureka, CA, October 2002 through September 2004
- Iowa City, IA, October 2002 through September 2004
- BALTEX, October 1999 - February 2002
- Wakasa Bay, January- February 2001, 3 January - 14 February 2003

Soil Moisture Data

- SMEX02: Iowa (US), 24 June - 15 July 2002
- SMEX03: Oklahoma, Georgia, Alabama (US), 23 June - 18 July 2003
- SMEX03: Brazil, December 2003
- NAME-SMEX04: North American Monsoon Experiment, Mexico and Arizona, 2 August - 27 August 2004

Ingest to Public Release

- Data provider fills out a 'Data Submission Form' via the web
 - Starts the process within NSIDC
 - Provides key information about the data set
- Data archived at NSIDC vs. brokered
 - Brokered data sets are not archived at NSIDC but we provide visibility, documentation and support

Ingest to Public Release

- NSIDC Archive Services arranges for transfer of data and related information
 - Maintains an original 'snapshot' of everything received in addition to the final version that is released
- NSIDC Technical Writer develops a 'Guide Document' and inputs high level metadata
 - Guide documents follow a specific format
 - Metadata results in DIF in the GCMD and allows the data set to become visible in the NSIDC on-line catalog

Ingest to Public Release

- Team reviews documentation
 - Work with data during the review
- Data are published and available to the public!

Status of Data Set Publishing

- Cryosphere
 - Total of 23 data sets
 - 16 published
- Rainfall
 - Total of 11 data sets
 - 9 published

Status of Data Set Publishing

- Soil Moisture
 - SMEX02
 - 42 data sets
 - 35 published
 - SMEX03
 - 168 data sets (*estimated*)
 - Ingest just beginning
 - SMEX04
 - 84 data sets (*estimated*)

User Distribution

- FTP distribution
 - 228 individual IP addresses
 - Files distributed

rainfall	1088
soil moisture	19180

- Megabytes distributed

rainfall	6085
soil moisture	14410

Future Plans

- Overhaul of website
 - Reorganization and update of content
- Access to data through EOS Data Gateway
- Outreach
 - *NSIDC Notes*
 - Web site
 - Conferences
- Continued publishing of data sets